

FIG. 1

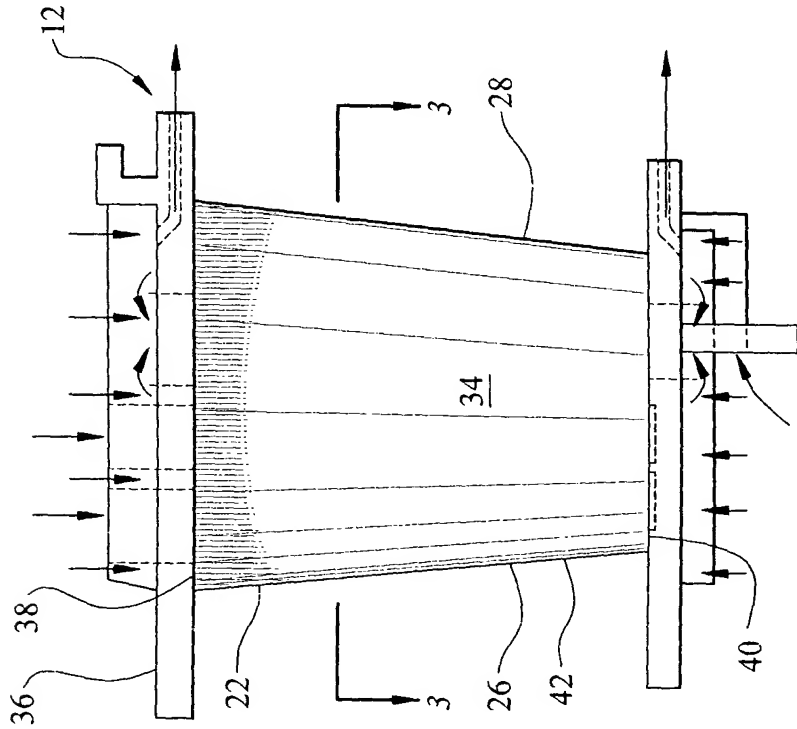


FIG. 2

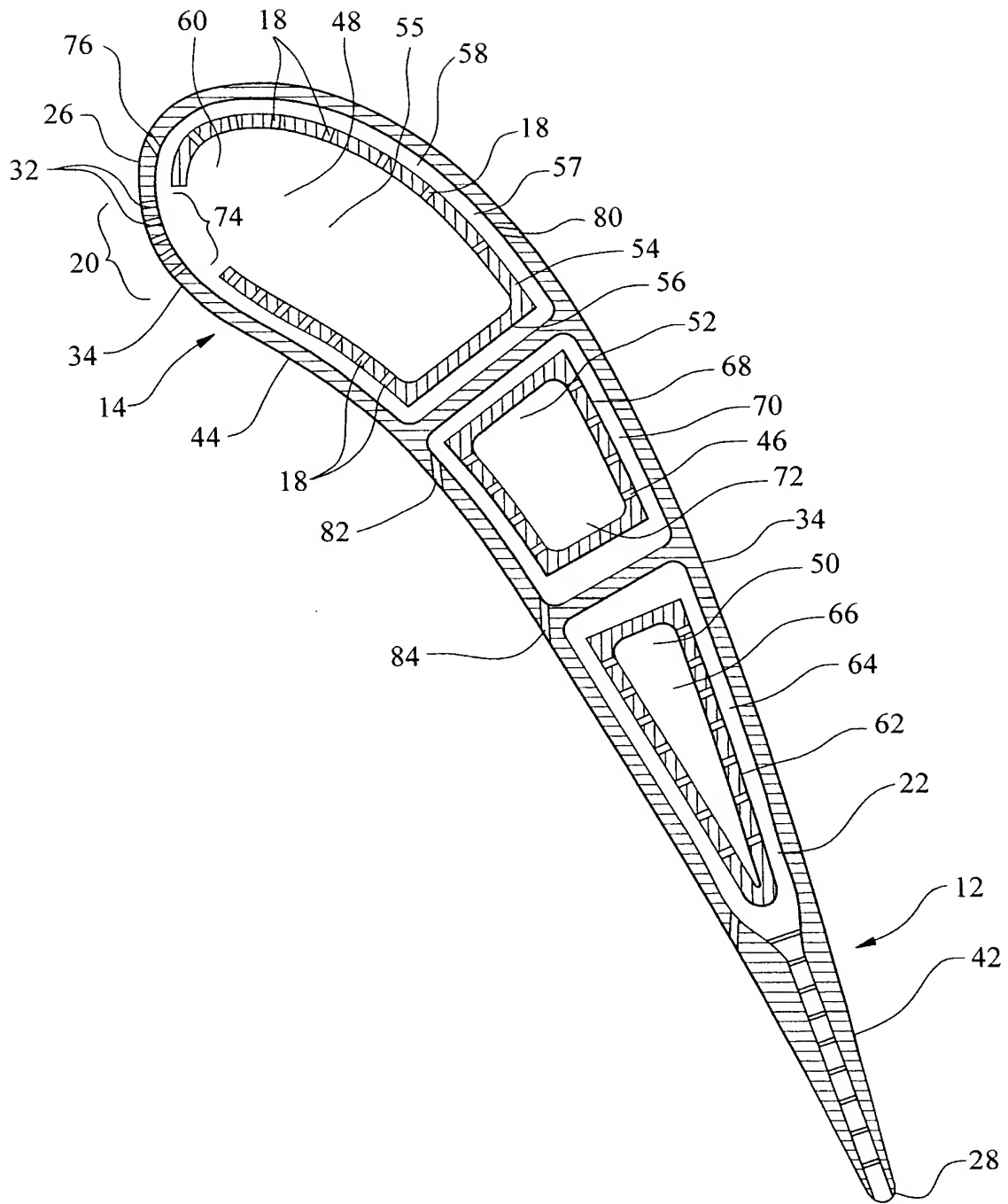


FIG. 3

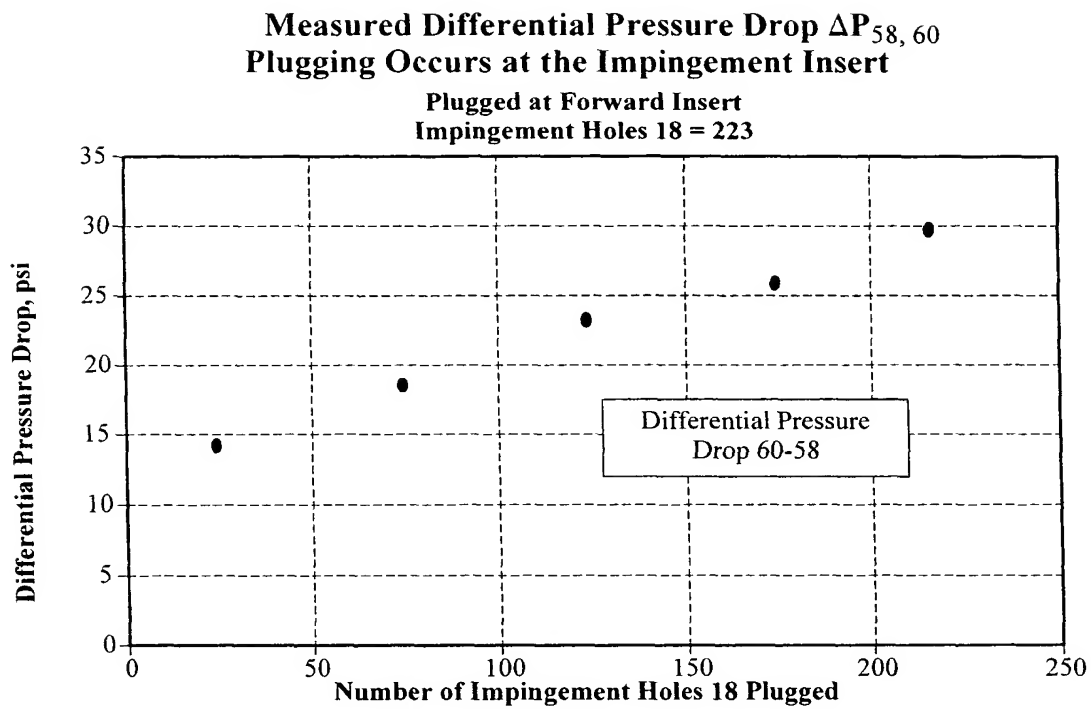


FIG. 4

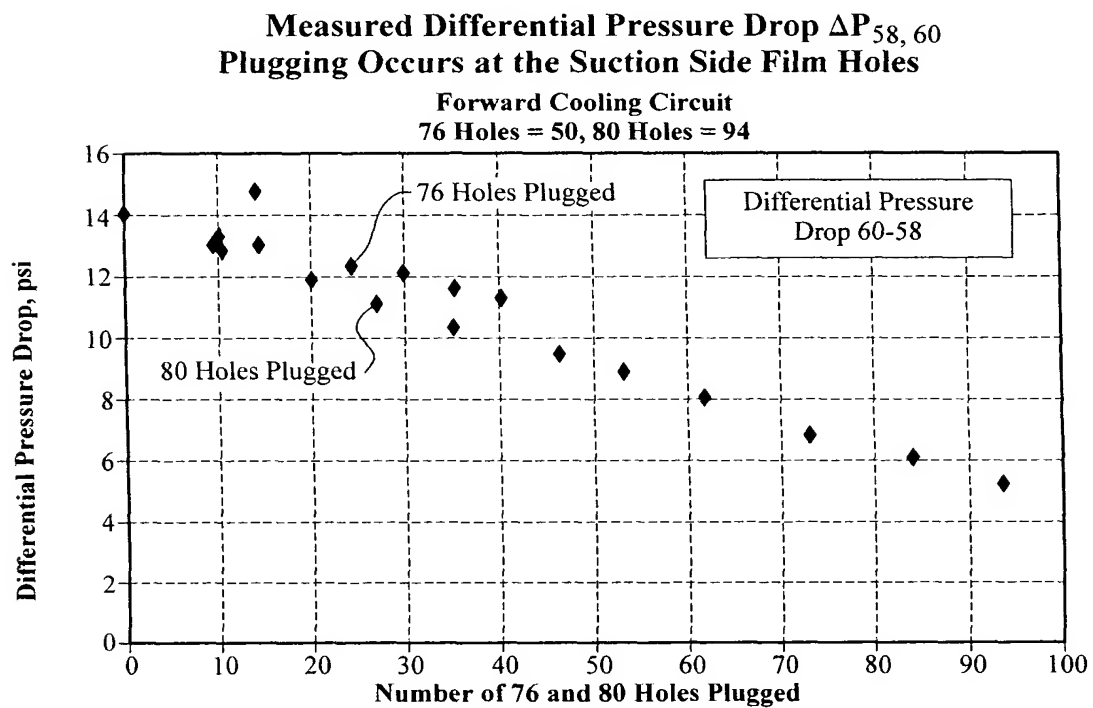


FIG. 5

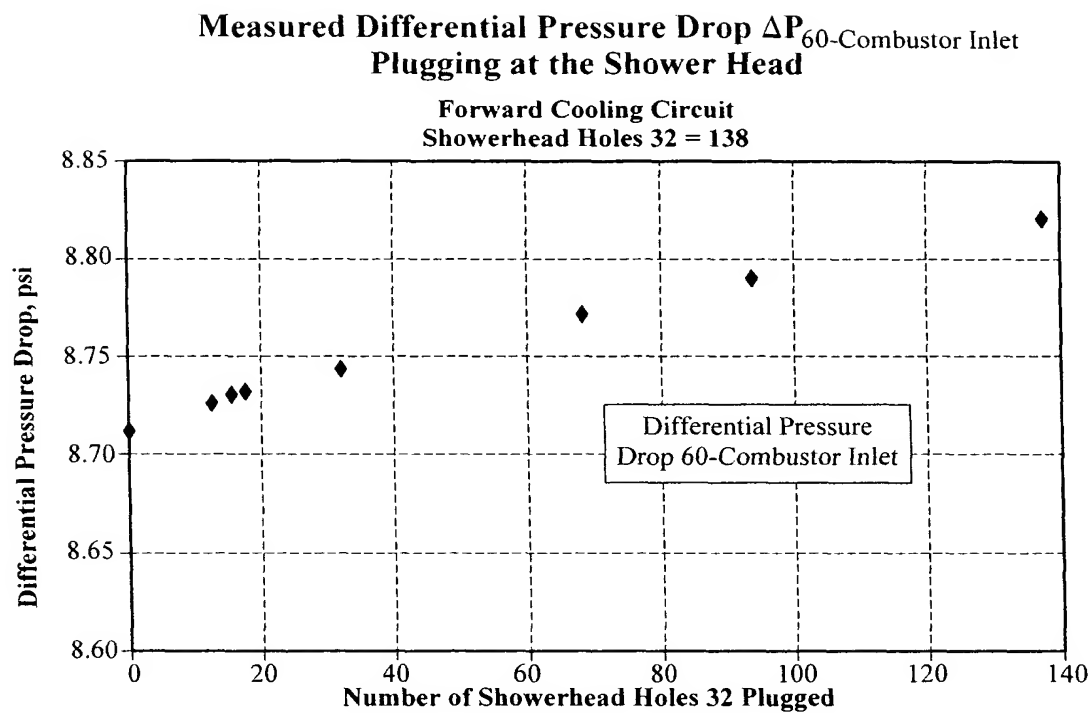


FIG. 6

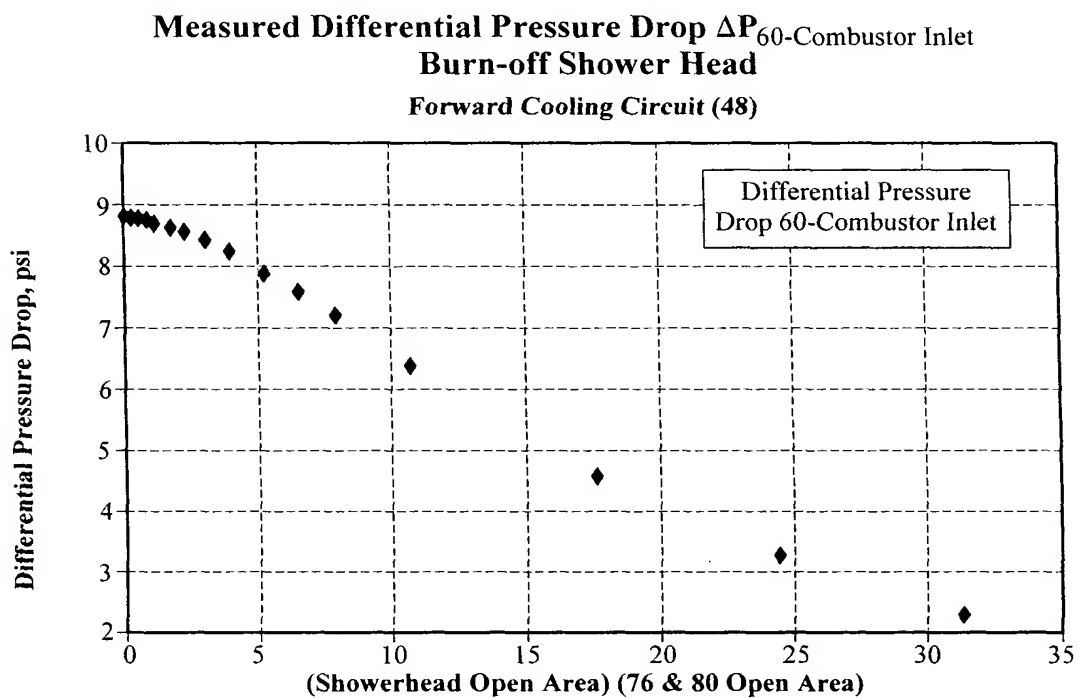


FIG. 7

**Measured Differential Pressure Drop $\Delta P_{72, 70}$
Plugging Occurs at the Pressure Side Film Holes**

Mid-Cooling Circuit, 72, 70 Pressure Drop

82 Holes = 50, 84 Holes = 110

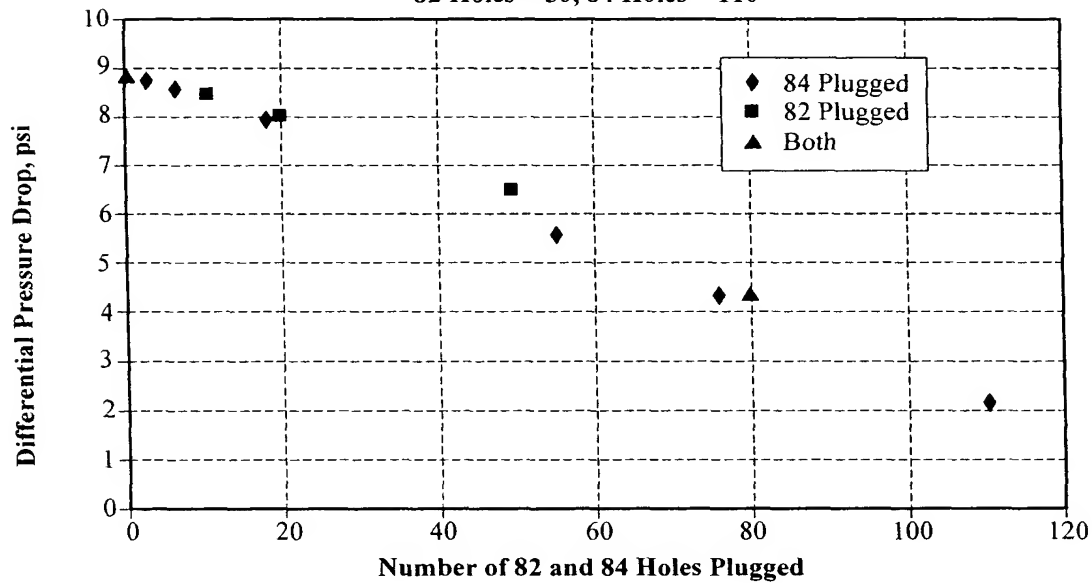


FIG. 8